Bibliography

Adriano, D.C., Wenzel, W.W., Vangronsveld, J., and Bolan, N.S. (2004). Role of assisted natural remediation in environmental clean-up. *Geoderma*, 122: 121-142.

Aggarwal, M., Luthra, Y.P., Arora, S.K. (1995). The effect of Cd^{2+} on lipid components of sunflower (*Helianthus annus* L.) seeds. *Plant Foods for Human Nutrition*, 148-154.

Ahmad, A., Abdin, M.Z. (2000). Effect of sulphur application on lipid, RNA and fatty acid content in developing seeds of rapeseed (*Brassica compestris* L.). *Plant Sci.* 150: 71-76.

Ashraf, M., McNeilly, T. (2004). Salinity tolerance in brassica oilseeds. *Critical Reviews in Plant Sciences*, 23 (2): 57-174.

Aulakh, M.S., Pasricha, N.S. and Sohata, N.S. (1980). Yield, nutrient concentration and quality of mustard crop as influenced by nitrogen an.

B.W..Nichols,L.J.Morris, A.T.James, Separation of lipids by chromatography, oxford journals,volume 22,2012

Chaudhary, S.K., Gogulwar, N.M. and Singh, A.K. (1992). Effect of N and S on seed yield and oil content of 'Varuna' mustard. *Indian J. Agronomy*, 31 (4): 839-840.

Folch at.al.j.Bioche. Estimation of total lipids.

Gill, A.S. and Palsakar, M.S. (1992). Preliminary investigation on the effect of levels and sources of sulphur on the forage yield of mustard. *Agric. Sci. Digest*, 12: 95-96.

Hall, J.L. (2002). Cellular mechanisms for heavy metal detoxification and tolerance. *J. Experimental Botany*, 53 (366): 1-11.

Hasan Syed, A., Barket, A., Hayat, S., Ahmad, A. (2007). Cadmium induced changes in the growth and carbonic anhydrase activity of chickpea. *Turk. J. Biol.* 3: 131-140.

Jaggi, R.C. (1990). Sulphur, phosphorus interaction in raya (Varuna). Proc. National Seminar, Recent Development on Soil Research (Dec. 1990, 55th Annual Conclusion), Udaipur.

Jain, G.L. and Saxena, S. (1991). Effect of indigenous sulphur sources with mixatalol on oil yield, quality and nutrient status of mustard on calcareous soils. *Fert. News*. 36: 43-47.

. J.Chromatotogr.1973.No 786(1) 232-3

Kastori, R., Plesnicar, M., Sakac, Z., Pankovic, D., Arrenijevic-Maksimovic, I. (1998). Effect of lead excess on sunflower growth and photosynthesis. *J. Plant Nutr.* 21: 75-85.

Kaznina, N.M., Laidinen, G.F., Titov, A.F., Talanov, A.V. (2005). Effect of lead on the photosynthetic apparatus of annual grasses. *Biology Bulletin*, 32 (2): 184-188.

Krishnamurthy, V.V. and Mathan, K.K. (1996). Studies on the influence of S and Mg on the quality of sunflower oil. *J. Indian Soc. Soil Sci.* 44 (1): 104-106.

Kumar, D. (1995). Salt tolerance in oilseed brassicas: Present status and future prospects. *Plant Breed. Abst.* 65: 1438-1447.

Lagerweff, J.V. (1967). Heavy metal contamination of soils. In “Agriculture and the quality of our environment,” N.C. Brady, ed., Amer. Assoc. Adv. Sci. Publ. 85: 343-364.

Lagerwerff, J.V. and Specht, A.W. (1970). Contamination of roadside soil and vegetation with cadmium, nickel, lead and zinc. *Environ. Sci. and Tech.* 4: 583-586.

Lakkineni, K.C. and Abrol, Y.P. (1993). Effect of sulphur fertilization on rapeseed, mustard and groundnut. *Phyton*. 32: 75-78.

Lencioni, L., Lotti, G. and Ranieri, A. (1992). Influence of S on the growth of rapeseed plants and on the composition of the oil. *Agrochimica,* 36 (1-2): 185-192.

Lepp, N.W. (1991). Effects of heavy metals on plants. Vol. I and II London: Applied Science Publishers.

Maksymiec, W., Russa, R., Urbanik-Sypniewska, T., Baszynski, T. (1992). Changes in acyl lipid and fatty acid composition in thylakoids of copper non-tolerant spinach exposed to excess copper. *J. Plant. Physiol.* 140: 52-55.

Nouairi, I., Ammar, W. Ben, Youssef, N. Ben., Miled, D.D. Ben, Ghorbal, M.H., Zarrouk, M. (2006). Comparative study of cadmium effects on membrane liquid composition of _Brassica juncea and *Brassica napus* leaves. *J. Plant Sci*. 170: 511-519.

Saied cheleaniazac 2011 J.Appl.Environ.Biol.Sci.1 (12)716-721, 2011) A modified method of folch to facilitate the analysis procedure of tissues cholesterol and triglyceride, study of different extraction methods.

Sabins, D.D., Gordon, M. and Galston, A.W. (1969). A site with an affinity for heavy metals on the thylakoid membranes of chloroplasts. *Plant Physiol.* 44: 1355-63.

Sandhya (1997). Effect of sulphur application on lipid components of mustard (*Brassica juncea* L.).

Sharma, U.C., Gangwar, N.S. and SrivastZhang Y., Morita, I., Yao, X., Murota, S., 1999. Pretreatment with eicosapentaenoic acid prevented hypoxia/reoxygenation-induced abnormality in endothelial gap junctional intercellular communication through inhibiting the tyrosine kinase activity. Prostaglandins Leukot. Essent. Fatty Acids., 61(1), 33-40.

ava, P.C. (1990). Effect of zinc and sulphur on nutrient uptake and yield of mustard. *J. Indian Soc. Soil Sci.* 38: 696-701.

Shtemenko, N. (1997). Peculiarities of content of surface lipids of plants of conferous, *Ukr. Biochem. Journal*, 69 (4): 61.

Sinha, P., Dube, B.K., Srivastava, P., Chatterjee, C. (2006). Alteration in uptake and translocation of essential nutrients in cabbage (*Brassica oleracea* L.) by excess lead. *Chemosphere*. 65: 651-656.

Stefanov, K., I. Popova, E. Kamburova, T. Pancheva, G. Kimenov, L. Kuleva and S. Popov (1993b). Lipid and sterol changes in *Zea mays* caused by lead ions. *Phytochemistry*, 33: 47-51.

Stefanov, K., Pandev, S.D., Seizova, K.A., Tyankova, L.A., Popov, S.S. (1995b). Effect of lead on the lipid metabolism in spinach leaves and thylakoid membranes. *Biologia Plantarum*, 37 (2): 251-256.

Stefanov, K., Popova, I., Damyanova, B., Kimenov, G. and Popov, S. (1992). Lipid and sterol changes in *Phaseolus vulgaris* caused by lead ions. *Phytochemistry*, 31: 3745-3748.

Stefanov, K., Seizova, K., Popova, I., Petkov, V., Kimenov, G., Popov, S. (1995a). Effect of lead ions on the phospholipids composition in leaves of *Zea mays* and *Phaseolus vulgaris*. *J. Plant Physiol*. 147: 243-246.

Tallent WH. KleimanR.LOP.DG.J. Lipids Res 1966 july,7(4) 531-5

Van Assche F, Cardinaels, C., Clijsters, H. (1990). Induction of enzyme capacity in plants as a result of heavy metal toxicity: Dose-response relations in *Phaseolus vulgaris* L. treated with zinc and cadmium. *Environ. Pollut.* 52: 103-115.

Vassilev, A., Lidon Fernando, C., Ramalho Jose, C., Matos Maria do Ceu, Bareiro Maria, G. (2004). Shoot cadmium accumulation and photosynthetic performance of barley plants exposed to high cadmium treatments. *J. Plant Nutrition*, 27: 775-795.

Yaduvanshi, H.S. (1980). Effect of sulphur fertilisation on the yield and chemical composition of mustard. *Food Fmg. Agric.* 12: 181-184.